| Ind | ex of | Clair | ms |
|-----|-------|-------|----|
|     |       |       |    |

| Application No. | Applicant(s)    |
|-----------------|-----------------|
| 10/780,858      | GONZALEZ ET AL. |
| Examiner        | Art Unit        |
| Thao P. Le      | 2818            |

| √ | R jected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Canc II d |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | App al   |
|---|----------|
| 0 | Objected |

|  | l                   |          |          |          |          | ل        |  |                 |  |      |              | _        |              |          |          |              | I        |              |  |  |  |   |             | )   |
|--|---------------------|----------|----------|----------|----------|----------|--|-----------------|--|------|--------------|----------|--------------|----------|----------|--------------|----------|--------------|--|--|--|---|-------------|-----|
| Clain  | n                   |          |          |          | Da       | te       |  |                 |  |      | Clá          | aim      |              |          |          | Ç            | ate      | •            |  |  |  |   | CI          | aiı |
| Final  | Original            |          |          |          |          |          |  |                 |  |      | Final        | Original |              |          |          |              |          |              |  |  |  |   | Final       |     |
|  | 1                   | Y        |          | 工        |          |          |  |                 |  |      |              | 51       |              |          |          | $\Box$       |          |              |  |  |  |   |             | Ŀ   |
|  | 2                   | 4        | _        |          |          | ╄        | <u> </u>   | Ш               |  |      |              | 52       |              | _        | _        | _            | _        |              | _  |  |  |   |             | Ľ   |
|  | 3                   | 1        | _        | $\perp$  | _        | <b> </b> | ┞  | $\sqcup$        | _  |      |              | 53       | _            |          | $\dashv$ | -            | _ !      |              | _  |  | _  |   | ļ           | Ľ   |
|  | 4                   | Y        | _        |          | +        | +        | ├  | $\vdash \vdash$ | 4  |      |              | 54       |              |          |          |              |          | $\dashv$     |  | -  |  |   |             | Ι.  |
|  | 5                   | _        | _        | +        | +        | +        | ┢  | H               |  |      |              | 55       | $\dashv$     | $\dashv$ | -+       |              |          |              | _  | _  |  |   | <del></del> | ١.  |
|  | 6<br>7              | ᅬ        | +        | ╬        | +        | +        | <del> </del>                                     | $\vdash$        | $\dashv$   |      |              | 56<br>57 |              | $\dashv$ | $\dashv$ | -            |          |              |  | -  | _  |   | <b></b>     | H   |
|  | 8                   | ╫        | -        | +        | +-       | +        |  | $\vdash$        | $\dashv$   |      |              | 58       | $\dashv$     |          | $\dashv$ | $\dashv$     | -        | Н            |  |  |  |   |             | t   |
|  | 9                   | ₩        | +        | ╬        | ╁        | ╁╌       | ╁╾   | $\vdash$        | ᅥ  |      |              | 59       |              | 十        |          | $\dashv$     |          |              |  |  |  |   |             | t   |
|  | 10                  | +        | $\dashv$ | +        | +        | ╁        | <del>  -</del>                                   | $\vdash$        | $\dashv$   |      |              | 60       |              | 1        |          | _            |          |              |  | _  |  |   |             | t   |
|  | 11                  | #        | $\dashv$ | +        | +        | +        | <del>                                     </del> |                 | $\exists$  |      |              | 61       |              | T        |          |              | _        |              |  |  |  |   |             | T   |
| <del></del>                                      | 12                  | J        | 1        | ┰        | +-       | T        | Т  |                 |  |      |              | 62       |              |          |          |              |          |              |  |  |  |   |             | ŀ   |
| <del>                                     </del> | 13                  | ¥        |          | 十        | 7        |          |  |                 |  |      |              | 63       |              |          |          |              |          |              |  |  |  |   |             |     |
|  | 14                  |          |          | $\top$   |          |          |  |                 |  |      |              | 64       |              |          |          |              |          |              |  |  |  |   |             | L   |
|  | 15                  |          |          |          |          |          |  |                 |  |      |              | 65       |              |          |          |              |          |              |  |  |  |   |             | Ľ   |
|  | 16                  |          |          |          |          |          |  |                 |  |      |              | 66       |              |          | _        |              |          |              | <u>_</u>   |  |  |   |             | Ļ   |
|  | 17                  |          |          |          |          |          |  |                 |  |      |              | 67       |              |          |          |              |          | _            | L  |  |  |   |             | Ļ   |
|  | 18                  |          |          |          |          | $\perp$  |  |                 |  |      |              | 68       |              | $\Box$   | $\dashv$ | _            |          |              |  | <u> </u>   | _  |   | L           | Ļ   |
|  | 19                  |          |          | $\perp$  |          | $\perp$  | $\perp$  |                 |  |      |              | 69       |              | Ш        | _        | _            |          | _            |  | <u> </u>   | ļ_   |   |             | ╀   |
|  | 20                  |          |          | _ _      | $\perp$  |          | _  |                 |  |      |              | 70       |              | 4        | _        |              |          | <u> </u>     |  |  | <u> </u>   |   |             | ╀   |
|  | 21                  |          |          |          | $\perp$  | 1        | 1_   |                 |  |      |              | 71       |              |          |          |              | _        | <u> </u>     | _  | _  | <del> </del>                                     |   |             | ╀   |
|  | 22                  | Ш        | _        | _        | 4        | ╄        | ļ  |                 |  |      |              | 72       |              |          | _        |              |          | <u> </u>     | -  | -  | ├-   |   |             | ╀   |
|  | 23                  |          | +        | _        | +        | ┿-       | 4  | -               |  |      |              | 73       |              |          | -        |              |          | ⊢            | <u> </u>   | ⊢  |  |   |             | ╁   |
| -  | 24                  |          | _        | +        | +        | ┼-       | +  | -               | _  |      |              | 74       |              | $\vdash$ |          | -            |          | $\vdash$     | ⊢  | ├-   |  | 1 |             | ╁   |
| 1  | 25                  |          | -        | +        | +        | +        | -  | -               | Н  |      |              | 75<br>76 |              | Н        | $\dashv$ |              | _        | -            |  | ├  | -  |   |             | t   |
| <del> </del>                                     | 26<br>27            | 7        | -+       | +        | ╬        | ┿        | ╁╌   | -               | H  |      | -            | 77       |              |          |          | -            | _        | -            | ┢  | ┢  |  |   | <u> </u>    | t   |
|  | 27<br>28            |          | -+       | +        | +        | +        | ╁╌   | +               | Н  |      | <u> </u>     | 78       | $\vdash$     | $\vdash$ | $\dashv$ | -            | _        | 1            | -  | <del>                                     </del> |  | 1 |             | t   |
| <del>                                     </del> | <u>20</u><br>29     | H        | -        | ╅        | +        | +        | ╁╴   | $\vdash$        | H  |      | _            | 79       | $\vdash$     | H        | $\neg$   | _            |          | $\vdash$     | <del>                                     </del> | 1  |  |   | 1           | t   |
| <del>                                     </del> | 30                  | 1        | $\dashv$ | ┽        | +        | +        | ╁┈   |                 | $\vdash$   |      |              | 80       | -            | Н        |          |              | -        | $\vdash$     |  | † ·  |  |   |             | t   |
|  | <del>31</del>       | *        | +        | _        | _        | +        | ╁  | $\vdash$        | $\vdash$   |      |              | 81       |              | П        |          |              |          | T            |  |  | Г  |   |             | T   |
|  | 32                  | V        | $\top$   | _        | $\top$   | 1        | 1  | T               |  |      |              | 82       | _            | П        |          |              |          |              |  |  |  |   |             | Ι   |
|  | 33                  | 1        | $\neg$   | $\neg$   | $\top$   | T        |  | <u> </u>        |  |      |              | 83       |              |          |          |              |          |              |  |  |  |   |             | Ι   |
|  | 34                  | П        | $\neg$   |          | 1        |          |  |                 |  |      |              | 84       |              |          |          |              |          |              |  | L  |  |   | <u></u>     | ╽   |
|  | 35                  | 4        |          |          |          |          | $\prod_{i=1}^{n}$                                |                 |  |      |              | 85       |              |          |          |              |          |              | <u> </u>   | <u> </u>   |  |   |             | ļ   |
|  | 36                  |          |          |          |          |          |  |                 |  |      |              | 86       |              | L        |          |              |          | ļ            | <u> </u>   | <u> </u>   | <u> </u>   |   | L_          | 1   |
|  | 37                  |          |          |          | _        |          | _  | $oxed{igspace}$ | <u> </u>   |      |              | 87       |              |          |          |              |          | _            | _  | L  | ╙  |   | <u> </u>    | +   |
|  | 38                  | Ш        |          | _        | $\perp$  |          | $\perp$  | ╙               |  |      |              | 88       | <u> </u>     |          |          |              |          | <u> </u>     | <b>├</b>   | _  | ⊢  |   |             | +   |
|  | 39                  |          |          | $\perp$  |          | $\perp$  | _  | <del> </del> _  | _  |      |              | 89       | <b>.</b>     |          |          | _            |          | -            | <del> </del>                                     | -  | ├-   | 1 |             | ╀   |
|  | 40                  | _        | $\dashv$ | +        | - -      | +        | <u> </u>   | -               | _  |      | <b></b>      | 90       | -            |          |          | <u> </u>     |          | ╀            | ├  | ┢  | ├  | 1 | -           | ╀   |
|  | 41                  |          | -        |          | +        | +        |  | +-              | H  |      |              | 91<br>92 | -            | -        | _        |              | _        | <del> </del> | ╁  | ├-   | ╁  | 1 | $\vdash$    | +   |
|  | 42                  | $\vdash$ |          | -+       | +        | +        | +-   | +               |  |      | <del></del>  | 93       | $\vdash$     | -        |          | $\vdash$     | -        | <del> </del> | $\vdash$   | ╁  | ╁╌   | 1 | -           | +   |
|  | 43<br>44            | Н        | -        | +        | +        | +        | +  | +-              | <del> </del>                                     | liii | <del> </del> | 94       | ├-           | ┰        | $\vdash$ | <del> </del> | -        | $\vdash$     | +-   | +-   | <del>                                     </del> | 1 | -           | +   |
|  | <del>44</del><br>45 | $\vdash$ | +        | $\dashv$ | +        | +        | +-   | +               | ┢  |      |              | 95       | <del> </del> | $\vdash$ | $\vdash$ | -            | <u> </u> | +-           | $t^{-}$  | $t^-$  | t  | 1 | <u> </u>    | †   |
|  | 46                  | $\vdash$ | +        | -+       | -+       | +        | ╁  | +               | $\vdash$   | 1    | $\vdash$     | 96       | T            | ┢        |          | $\vdash$     | ┢        | 1            | 1-   | 1  | T  | 1 |             | †   |
|  | 47                  | $\vdash$ | $\dashv$ | $\dashv$ | +        | +-       | +-   | t               | <del>                                     </del> | 1    |              | 97       |              | T        |          | $\vdash$     | $\vdash$ |              | †  | 1  | T  | 1 |             | †   |
|  | 48                  | $\vdash$ | $\vdash$ | +        | +        | +        | $\top$   | $\vdash$        | $\vdash$   | ۱    |              | 98       | t            | t        |          | ┢            |          | T            | †  | 1  | T  |   |             | †   |
|  | 49                  | $\vdash$ | $\Box$   | $\dashv$ | $\vdash$ | $\top$   | $\top$   | T               |  | 1    |              | 99       |              | Г        |          | T            |          | 1            | $I^-$  |  | Т  | 1 |             | Ţ   |
|  | 50                  |          | H        | 十        | $\top$   | 十        | +-   | †               | T  | 1    |              | 100      |              |          |          | Г            |          | Τ            | 1  | 1  | Π  | ] |             | Ī   |
| <u> </u>   |                     |          |          | L_       |          |          |  |                 |  |      |              |          | •            | -        |          |              | _        | <del>-</del> | -  | •  |  | • |             | -   |

| Cli      | aim  |          | -              |  |  | Date   |                               |              |              | $\neg$          |
|----------|--|----------|----------------|--|--|--|-------------------------------|--------------|--------------|-----------------|
|          |  |          |                |  | Ī  | Ť  |                               | $\neg$       |              |                 |
| Cileal   | Original   |          |                |  |  |  |                               |              | ļ            |                 |
|          | 101  |          |                |  |  |  |                               |              |              |                 |
|          | 102  |          |                |  |  |  |                               |              |              |                 |
|          | 101<br>102<br>103  |          |                |  |  |  |                               |              |              |                 |
|          | 104  |          |                |  |  |  |                               |              |              |                 |
|          | 104<br>105   |          | _              |  | _  |  |                               |              |              |                 |
|          | 106  | $\vdash$ |                |  |  |  |                               |              |              | $\exists$       |
| _        | 107  |          |                | _  |  |  |                               |              |              |                 |
|          | 108  |          |                |  |  |  |                               |              |              |                 |
|          | 109  |          |                |  |  |  |                               |              |              |                 |
|          | 110  | _        |                |  |  |  |                               |              |              |                 |
|          | 110<br>111   |          |                |  |  |  |                               |              |              |                 |
|          | 112  |          |                | <u> </u>   |  |  |                               |              |              | Ш               |
|          | 112<br>113   |          |                | _  |  |  |                               |              |              | Щ               |
|          | 1114   |          | L              | <u> </u>   |  |  | $oxed{oxed}$                  | L            |              | Щ               |
| L        | 115<br>116<br>117  | L        |                | L_   |  |  | _                             | _            |              | Ш               |
|          | 116  | _        | <u>L</u> .     |  |  | _  |                               |              |              |                 |
|          | 117  | _        |                | _  | <u> </u>   | _  |                               | _            |              |                 |
| L        | 118<br>119   | _        | <u> </u>       | L_   | <u> </u>   | _  |                               |              | _            |                 |
|          | 119  | <u> </u> | <u> </u>       | <u> </u>   | _  | _  |                               |              |              |                 |
|          | 120  | _        |                | <u> </u>   | _  |  | <u> </u>                      | _            |              |                 |
|          | 121  | <u> </u> | _              | _  | _  |  | <u> </u>                      | _            |              |                 |
|          | 122  | <u> </u> | _              | ┡  | _  | <u> </u>                                     | <u> </u>                      | <u> </u>     | <u> </u>     | _               |
|          | 123  | ļ        | <u> </u>       | <u> </u>   |  | _  | -                             | -            | -            | $\vdash$        |
|          | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135 | -        | -              | -  | -  |  |                               | ⊢            | ⊢            | $\vdash \vdash$ |
|          | 125  | <u> </u> | -              | -  |  | -  | ├                             | -            | -            | H               |
|          | 127  | ┝        | -              | -  |  | <del>  -</del>                               | $\vdash$                      |              | ┢            | Н               |
|          | 128  | ╁        | ├-             | ├-   |  |  | -                             |              | -            | Н               |
| -        | 120  | $\vdash$ | ┼              | <del>                                     </del> |  | <del> </del>                                 | 1                             |              |              | Н               |
| -        | 130  |          | ╁╾             |  |  | -  | T                             | $\vdash$     |              | H               |
| <u> </u> | 131  | ┢        | ╁              | $t^-$  | ┢  | +  |                               | ┢            |              | Н               |
| -        | 132  | 1-       | ╁┈╴            | $\vdash$   | -  | +-   | 1                             | <del> </del> | $\vdash$     | П               |
| $\vdash$ | 133  | +-       | ╁              | t  | <del>                                     </del> | +-   | T                             | ┢            | 1            | П               |
| -        | 134  | ┢        | $t^-$          | t  | <u>├</u>   | $\vdash$                                     | T                             | $\vdash$     | $\vdash$     | П               |
|          | 135  | t        | <b>†</b>       | ┢  |  | $\vdash$                                     | 1                             | t            |              | П               |
|          | 136  | $\vdash$ | T              | 1  | 1  | T  | T                             | t            | İ            |                 |
|          | 137  | T        | T              |  |  |  |                               |              | 1            | П               |
|          | 137<br>138<br>139<br>140   | 1        |                |  | Г  | Π  |                               |              |              |                 |
|          | 139  |          |                |  |  |  |                               |              |              |                 |
|          | 140  |          |                |  |  | <u>.                                    </u> |                               |              |              |                 |
|          | 141  |          |                |  |  |  |                               |              |              |                 |
|          | 142  |          | 乚              |  |  |  |                               |              | _            | Ш               |
|          | 143  | $\perp$  | 1              | ↓  | _  | 1  | 1                             | <u> </u>     | <del> </del> | $\vdash$        |
| <u> </u> | 144  | 1        | ╄              | lacksquare                                       | <u> </u>   |  |                               | ـــ          | <del> </del> | $\vdash$        |
| <u></u>  | 145  | 1_       | 1              | $\perp$  | ↓_   | ↓_   | $oldsymbol{oldsymbol{\perp}}$ |              | $\vdash$     | $\vdash$        |
|          | 146  | ↓        | 1_             | $\perp$  | ┞-   | 1_   | 1                             | ┞            | <u> </u>     | <u> </u>        |
| <u> </u> | 147  | ـــ      | ╄              | $\perp$  | $\perp$  | 4_   | 1                             | _            | ┞-           | <del> </del>    |
| <u> </u> | 148  | 1        | $\bot$         | 1  | 1  | 4  |                               | $\vdash$     | ⊢            |                 |
| -        | 149  | 1-       | <del>↓</del> _ | ┼  | $\vdash$   | $\vdash$                                     |                               | ╀            | -            | <u> </u>        |
| ::L      | 150  | <u> </u> | 1_             |  |  | <u> </u>                                     | l                             | 1            | 1            | <u>L_</u>       |